**In the Claims**

1. (Currently Amended) A syringe for use with an injector comprising a syringe retaining mechanism, the syringe comprising:

a tubular body comprising a rear end and a front end;

a plunger sealingly engaged within the tubular body;

at least one attachment member disposed on the rear end or front end of the tubular body, the at least one attachment member adapted to be releasably retained by the syringe retaining mechanism of the injector regardless of the orientation of the syringe with respect to the injector,

wherein the at least one attachment member includes an inclined surface extending radially outward a distance from the tubular body that defines a shoulder having a diameter larger than the tubular body;and

at least one encoding ring discountinuous within the tubular body ~~recessed within~~ and formed circumferentially around at least a portion of the rear end of the tubular body and operable to provide syringe information to the injector.

2. (Previously Presented) The syringe of claim 1 wherein the at least one attachment member comprises an annular ridge disposed on the tubular body.

3. (Previously Presented) The syringe of claim 1, further comprising one or more projections associated with the tubular body, the one or more projections adapted to engage corresponding members of the syringe retaining mechanism to enable release of the syringe from the injector through rotational motion.

4. (Original) The syringe of claim 1 wherein the at least one attachment member comprises one or more tab members.

5. (Previously Presented) The syringe of claim 4 wherein each of the tab members comprises a first tab end attached to the tubular body and a second tab end adapted to engage the syringe retaining mechanism of the injector.

6. (Original) The syringe of claim 4 wherein the tab members are resilient members.

7. (Previously Presented) The syringe of claim 4 wherein the tab members are integrally formed with the tubular body.

8. (Original) The syringe of claim 1, further comprising a flange associated with the body and adapted to engage a corresponding surface of the injector when the syringe is releasably engaged therewith.

9. (Original) The syringe of claim 8 wherein the flange is adapted to substantially prevent fluid from entering the interior of the injector.

10. (Previously Presented) The syringe of claim 1 wherein the at least one attachment member is moved in an axial direction relative to the axial direction of injector to releasably engage the injector.

11. (Previously Presented) The syringe of claim 1 wherein the at least one attachment member is moved in a vertical direction relative to the axial direction of injector to releasably engage the injector.

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A syringe for use with an injector comprising a syringe retaining mechanism, the syringe comprising:

a tubular body comprising a rearward end and a forward end;

a plunger sealingly engaged within the tubular body;

at least one attachment member disposed on the rearward end of the tubular body; and

at least one rotation member comprising at least one notch defined in a [[the]] terminating edge of the rearward end of the tubular body for releasably retaining a corresponding member of the syringe retaining mechanism of the injector, wherein the notch forms a discontinuous edge at the terminating end of the tubular body and extends through a [[the]] syringe wall from an inside to an [[the]] outside,

wherein the terminating edge extends in the axial direction forming a continuous axial surface from the rearward end of the tubular body .

.

15 -20. (Canceled)

21. (Canceled)

22. (Previously Presented) The syringe of Claim 1 wherein the encoding ring is disposed on at least one of the front end or rearward end of the tubular body.

23. (Previously Presented) The syringe of Claim 1 wherein the at least one attachment member comprises projections or recesses.

24. (Preciously Presented) The syringe of Claim 1 wherein the at least one attachment member extends from the tubular body.